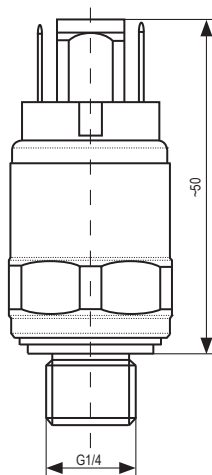




Vaccum Pressure Switch 真空压力开关

- Adjustment range: -0,85 ... -0,15 bar
 - Snap action micro switch
 - Elastomer membrane
 - Change over contact SPDT, NC, NO
 - E-connection: Faston 6,3 × 0,8、M12 x 1 or cable outlet
 - Power rating: 48V / 2A
- 开关范围 : -0,85 ... -0,15 bar
 - 速动微动开关
 - 弹性体膜片
 - 开关类型为单刀双掷, 常闭、常开
 - 电气连接 : 铲型端子 6,3 × 0,8、M12 × 1 或电缆输出
 - 额定功率 : 48V / 2A

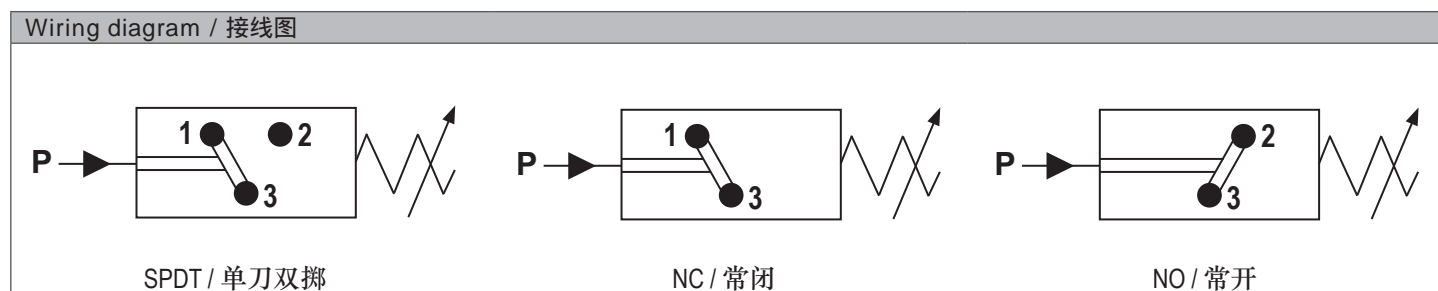
Drawing / 尺寸图



Standard types / 标准类型

Series 系列	Adjustment ranges 开关范围	Max. system pressure 最大系统压力	Repeatability 重复性	Max. hysteresis 最大滞后	Measurement element 测量元件	Pressure fitting 过程连接	Material of membrane 膜片材质	Material of housing 本体材质
8712	-0,85...-0,15 bar	20 bar	± 0,05 bar	250 mbar	Membrane 膜片	G1/8" G1/4" 1/8NPT 1/4NPT M10 × 1 R1/8" R1/4"	NBR NBR-LowTemp. EPDM FVMQ Viton	Zinc plated steel / 镀锌钢 stainless steel / 不锈钢

Technical Specification / 技术规范		
Adjustment range 开关范围	-0,85 ... -0,15	[bar]
Repeatability 重复性	± 0,05	[bar]
Max. system pressure 最大系统压力	20	[bar]
Max. hysteresis 最大滞后	250	[mbar]
Switched voltage 开关电压	AC: ~ 48 / DC: ~ 24	[V]
max. switched current resistive load 最大开关电阻负载电流	2	[A]
Mechanical lifetime 机械寿命	> 1 × 10 ⁶ / cycles	
Switching frequency 开关频率	max. 100 cycles / min 最高 100 次 / 分钟	
Material of housing 本体材质	zinc plated steel / stainless steel 镀锌钢 / 不锈钢	
Material of membrane 膜片材质	NBR / NBR-LowTemp. / EPDM / FVMQ / Viton	
Pressure fitting 过程连接	G1/8" / G1/4" / 1/8NPT / 1/4NPT / M10×1 / R1/8" / R1/4"	
Tightening torque, recommended 拧紧扭矩, 推荐	20	[Nm]
Vibration resistance 抗振动性	10g (10 ... 2000Hz) sinus acc. to ISO 16750-3 10g 符合 ISO 16750-3 在 10 .. 2000 Hz	
Shock resistance 抗冲击性	30g, 14ms shaped sinus acc. to DIN 40046, T7 30g, 14ms 符合 DIN 40046, T7	
Temperature range of medium 介质温度范围	NBR : -20 ... +80 NBR-LowTemp.: -40 ... +80 EPDM: -40 ... +100 FVMQ: -40 ... +100 Viton: 0 ... +100	[°C]
Protection degree 防护等级	IP00 using Faston 6,3x0,8 / 铆型端子 6,3 × 0,8 为 IP00 IP67 using plug M12x1 / M12 × 1 为 IP67 IP68 using cable outlet / 电缆输出为 IP68	
Weight 重量	~ 0,1	[kg]



Series 8712 / 8712 系列

Pressure Switch / 压力开关

aumarg
SENSORS & CONTROLS

Specification key / 规格代码

8712 - - - - - - -

Pressure adjustment range / 压力设置范围	
16	-0,85 ... -0,15 bar

Output signal / 输出信号	
3	SPDT / 单刀双掷
1	NC / 常闭
2	NO / 常开

Membrane / 膜片材质		
N	NBR	-20 ... +80°C
L	NBR-LowTemp.	-40 ... +80°C
E	EPDM	-40 ... +100°C
F	FVMQ	-40 ... +100°C
V	Viton	0 ... +100°C

Material of housing / 本体材质	
Z	zinc plated steel / 镀锌钢
S	stainless steel / 不锈钢

Options / 选项	
W	without / 无
XX,XX	Factory preset / 工厂预设开关点 ¹⁾
R	Rubber protection cap / 橡胶保护帽
C	1,5m cable with socket M12 / 1,5 米电缆

¹⁾ set point adjustment increasing or decreasing.
¹⁾ 设置开关点为上升或下降压力。

E-connection / 电气连接	
01	Faston 6,3 × 0,8 / 铲型端子 6,3 × 0,8
64	M12 x 1 / 圆形 M12 x 1
71	cable outlet / 电缆输出

Pressure fitting / 过程连接	
11	G1/8"
12	G1/4"
31	1/8NPT
32	1/4NPT
51	M10×1
41	R1/8"
42	R1/4"

Sample:

8712-16-3-N-Z-12-01- -0,6F

Vacuum Pressure Switch
Type: 8712
Adjustment range: -0,85 ... -0,15 bar
Output signal: SPDT
Membrane: NBR
Material of housing: zinc plated steel
Pressure fitting: G1/4"
E-connection: Faston 6,3 × 0,8
Option: Factory preset switch SP= -0,6 bar falling

举例:

8712-16-3-N-Z-12-01- -0,6F

真空压力开关
型号: 8712
压力设置范围: -0,85 ... -0,15 bar
输出信号: SPDT
膜片材质: NBR
本体材质: 镀锌钢
压力接头: G1/4"
电气连接: 铲型端子 6,3 × 0,8
选项: 工厂预设开关, 开关点 = -0,6 bar 下降